



Bulk Vitrification Readiness Preparations

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Activity and Objective

- Activity – Successfully Perform the Integrated Dryer/Melt Test (IDMT)
 - Construction and operation performed by a sub-contractor
- Objective
 - Provide confidence that the (IDMT) can be successfully performed to allow evaluation of the involved technology
 - Evaluate the effectiveness of the sub-contractor readiness preparations

Methodology

- CH2MHILL has an established process to achieve readiness
 - Identify required deliverables and objective evidence of satisfactory completion early in the process
 - Obtain written agreement with the established scope
 - Schedule and conduct the required activities
 - Upon satisfactory completion, declare readiness to proceed

Methodology (cont.)

- A graded approach was used to provide confidence the sub-contractor was prepared to successfully complete the IDMT and confirm the adequacy of the technology

Process

- A checklist of required activities was prepared and approved
 - Developed by subject matter experts
 - Organized by functional areas (for example)
 - Project Management
 - Technology Readiness
 - Operations
 - Engineering
 - Training

Process (cont.)

- The checklist was executed in parallel with the sub-contractor's readiness preparations where possible
- SME's performing the evaluations spent significant field time observing the operations staff
- Daily feedback to the sub-contractor during the daily Joint Test Group meeting

Result

- The IDMT was successfully completed
- All areas evaluated using the checklist were performed successfully
- The technology evaluation was not impacted
- Initial reports from the technology demonstration are positive

Lessons to be Learned

- Effectiveness of readiness process to both prepare for and assess readiness
- Effectiveness of the Joint Test Group process
- Testing preparation duration was nearly twice that which was scheduled, actual test was done within scheduled duration